



System Integration & Test Readiness Review Brief

Product 6.2



BRR Outline

- Objectives
- Purpose
- Planned delivery
- Actual delivery
- Matrix of function tests
- Build Summary
- Test Hours
- Design Notebook Status
- Risks
- Recommendations



Build Objectives

- The objective of this Build Readiness Review is to review all data pertaining to the following Statement of Requirement (SOR) and Software Trouble Reports (STR) and to make recommendations to the TAMPS Level 3 IPT lead on how to proceed with SITRR.
 - SOR 95-47 MPLAN
 - SOR 96-60H TERPES Objects
 - SOR 96-60A TERPES CountBy
 - SOR 96-52M PC-Card
 - SOR 96-10 OnLine GPS
 - STR #T-6323 Weather Data
 - STR #T-6850 TOPSCENE
 - STR #T-6697 Stripchart Doghouses
 - STR#T-6698/6699 Kneeboard HMI



Build Purpose

- This meeting is being held with the intent of accomplishing the following.
 - Demonstrate the stability of the SORs listed
 - Demonstrate plans to correct any known deficiencies
 - Show progress indicators in terms of metrics
 - Indicate where development processes were waived
 - Indicate risks and issues
 - Update risk charts for the SORs in the build



SOR Planned vs Actual Delivery

Planned Delivery Items

- 95-47 MPLAN
- 96-52M PC-Card
- 96-10 OnLine GPS
- 96-60A Countby
- 96-60H Objects
- 97-13 PFPS

Actual Delivered Items

- ✓ 95-47 MPLAN
- ✓ 96-52M PC-Card
- ✓ 96-10 OnLine GPS
- ✓ 96-60A Countby
- ✓ 96-60H Objects
- ✓ 97-13 PFPS



STR Planned vs Actual Delivery

Planned Delivery Item

Actual Delivered Items

- | | |
|-----------------------|-----------------------|
| • STR 6850 TOPSCENE | ✓ STR 6850 TOPSCENE |
| • STR 6323 Weather | ✓ STR 6323 Weather |
| • STR 6697 Stripchart | ✓ STR 6697 Stripchart |
| • STR 6698 Kneeboard | ✓ STR 6698 Kneeboard |
| • STR 6699 Kneeboard | ✓ STR 6699 Kneeboard |
| • STR 6425 Refuel | ✓ STR 6425 Refuel |



DTR Delivery

Planned Delivery Items

- DTRs: Total Deferred

95-47	147	6
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96-10	9	
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96-52M	10	1
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96-60A	9	1
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96-60H	4	
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97-13	10	1
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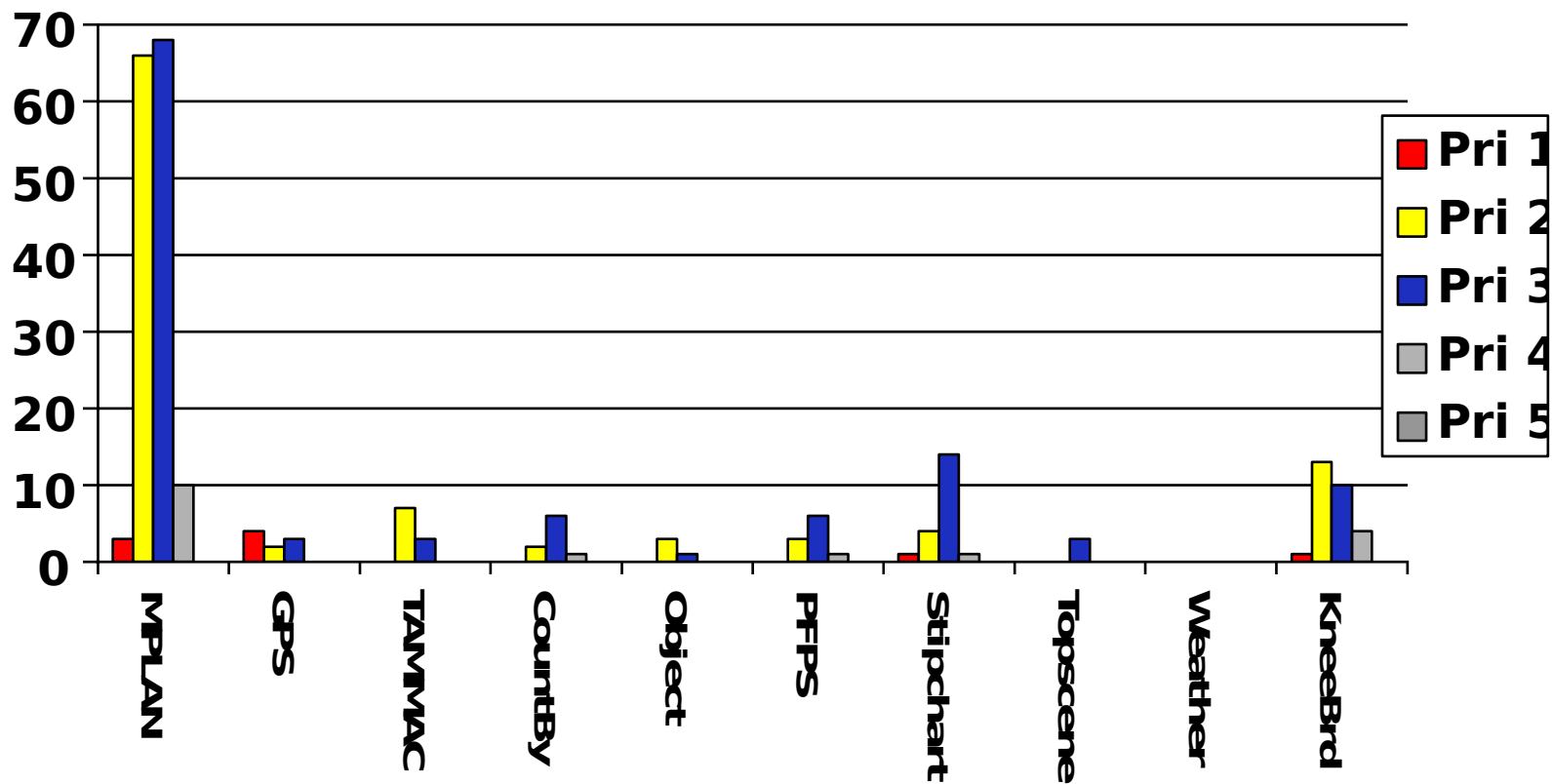
DTR Delivery

Planned Delivery Items

• DTRs:	Total	Deferred
T 6850	2	
T 6697	20	2
T 6698/99	28	1

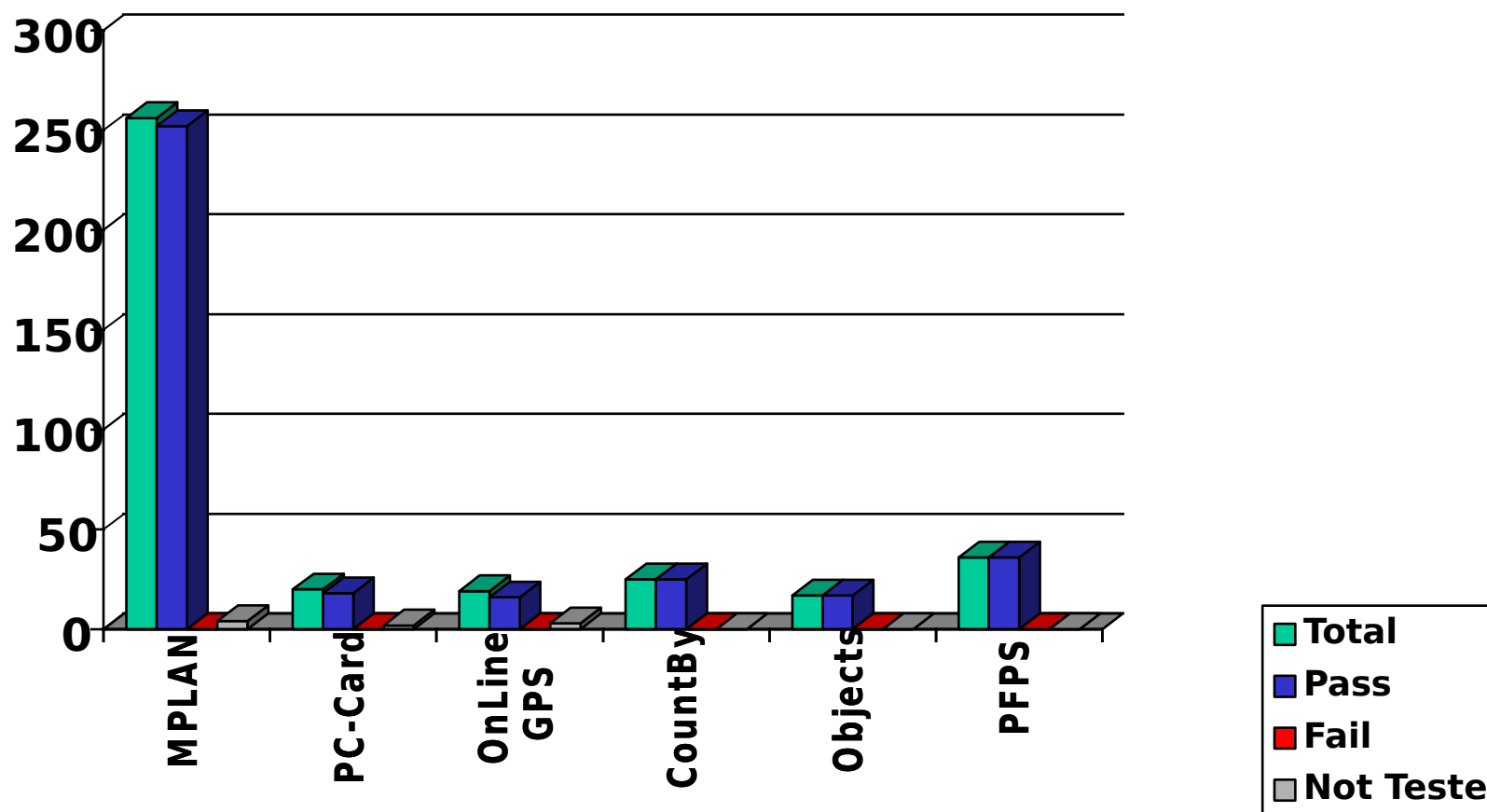


DTR's by priority



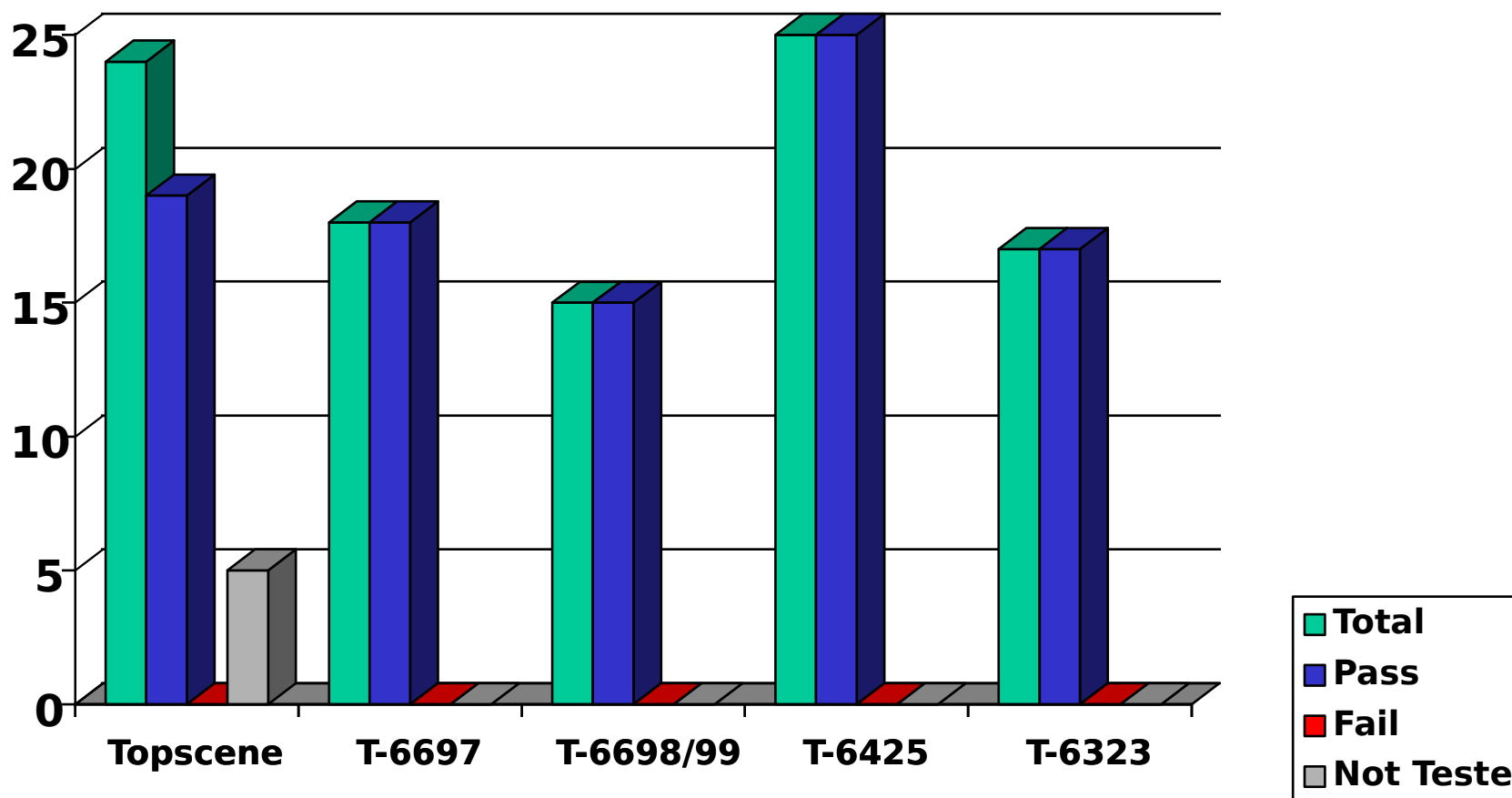


Functional Test Status





Functional Test Status (cont.)





Functional Test Status (cont.)

- 95-47 MPLAN
 - E-4000 has no 3 1/2 floppy, so test cases to transfer mission/strike data to this device cannot be tested.
- 96-52m TAMMAC PC-Card
 - Several test cases cannot be conducted because they need a corrupted card to test error cases.
- 96-10 OnLine GPS
 - Test cases for retrieving from NAVSSI not run due to unavailability of NAVSSI system (Simulated).
- STR 6850 TOPScene
 - Test cases for transferring threat data from TAMPS to TOPScene have not been tested due to unavailability of hardware.



Software Lines of Code

	Estimated		Actual	
	New	Mod	New	Mod
95-47 MPLAN	24007	3225	26726	5862
96-10 OnLine GPS	2800		2755	
96-52m PC Card	7000	500	8500	
96-60a CountBy	5000		4600	
96-60h Objects	7700	700	8607	100
97-13 PFPS	4100		2588	
T-6323 Weather	600		786	96
T-6697 Stripchart	N/A	N/A	438	2823
T-6698/99 Kneeboard	N/A	N/A		
T-6850 TOPScene	2000		728	100



Issues

- Unavailability of external systems for integration
 - TOPSCENE
 - NAVSSI



Recommendations

- 95-47 - Code is complete, individual Functional areas tested, however, need additional testing in target environment. Recommend go with SITRR build and conduct additional “System” testing as target environment becomes available (Lincoln Lab, Fallon).
- STR 6850 - Code is complete, testing incomplete. This interface does not impact MPM integration. Recommend include in SITRR build and complete testing during MPM integration time frame.